

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 5/05/2008

Control	0918-46-055, ETC.
Project	BR 94(75), ETC.
Highway	CR
County	DENTON

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 94(75)

CONTROL: 0918-46-055

COUNTY: DENTON

LETTING: 05/08/2008

REFERENCE NO: 0502

PROPOSAL ADDENDUMS

_ PROPOSAL COVER
X BID INSERTS (SH. NO.: 2-4 & 3-4)
X GENERAL NOTES (SH. NO.: A thru J)

X SPEC LIST (SH. NO.: 1-3 & 2-3)
_ SPECIAL PROVISIONS:
_ ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:
_ ADDED:

DELETED:

X OTHER: SEE CHANGES BELOW:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

BID INSERTS

SHEET 2-4: CHANGED ITEM 454-2001 TO 454-2005.

SHEET 3-4: CHANGED ITEM 530-2008 TO 530-2011 AND ADJUSTED UNIT QUANTITY.

GENERAL NOTES:

ALL SHEETS: DELETED JOB 65 FROM HEADER.

SHEET B: REVISED TABLE 2 QUANTITIES, ADDED CONSTRUCTION EASEMENT NOTES
AND DELETED GREGORY RD FROM DISTURBED AREA NOTES.

SHEET D: DELETED LIMITS FOR GREGORY ROAD FROM ITEM 100 NOTE.

SHEET G: EDITED NOTES FOR ITEM 446.

SHEET H: EDITED NOTES FOR ITEMS 448, 496 AND 502.

SHEET I: EDITED NOTES FOR ITEMS 506, 530 AND 585. ADDED NOTES FOR
ITEM 504.

SHEETS C, F & J REVISED & SHEET K ADDED DUE TO SHIFTING OF NOTES.

SPEC LIST:

SHEET 1-2: ADDED ITEM 504

SHEET 2-2: ITEMS SHIFTED DUE TO ABOVE CHANGE.

PLAN SHEETS:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

SHEET 1: DELETED GREGORY RD DESIGN SPEED.
SHEET 2: ADDED SHEETS 4E, 51A & 51B TO INDEX.
SHEETS 4, 4A THRU 4D: GENERAL NOTES CHANGES AS LISTED ABOVE.
SHEET 4E: SHEET ADDED DUE TO GENERAL NOTES CHANGES.
SHEET 5: REVISE E& Q TO REFLECT BID INSERT CHANGES LISTED ABOVE.
SHEET 6: CHANGED QUANTITY FOR ITEM 530 TO 65.
SHEET 43: DELETED GREGORY RD. FROM TITLE BLOCK.
SHEET 46: REMOVE GREGORY RD. SLAB, CONCRETE AND STEEL QUANTITIES.
SHEET 47: REMOVE GREGORY RD. CALCULATED FOUNDATION LOADS.
SHEETS 51A & 51B: ADDED STANDARD "COMMON FOUNDATION DETAILS FD"
SHEET 59: DELETED REFERENCE TO GREGORY RD, REVISED COORDINATES & NOTE C2

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2002	002	PREPARING ROW DOLLARS and CENTS	STA	8.500	1
	110	2001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	45.000	2
	110	2002		EXCAVATION (CHANNEL) DOLLARS and CENTS	CY	224.000	3
	132	2005		EMBANKMENT (FINAL)(ORD COMP)(TY C) DOLLARS and CENTS	CY	1,150.000	4
	161	2002	001	COMPOST MANUF TOPSOIL (BOS) (4") DOLLARS and CENTS	SY	830.000	5
	162	2002		BLOCK SODDING DOLLARS and CENTS	SY	830.000	6
	168	2001		VEGETATIVE WATERING DOLLARS and CENTS	MG	41.100	7
	341	2011		D-GR HMA(QCQA) TY-B PG64-22 DOLLARS and CENTS	TON	528.000	8
	341	2066		D-GR HMA(QCQA) TY-C PG76-22 DOLLARS and CENTS	TON	176.000	9
	416	2003		DRILL SHAFT (30 IN) DOLLARS and CENTS	LF	225.000	10
	420	2003	002	CL C CONC (ABUT) DOLLARS and CENTS	CY	56.400	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	420	2033	002	CL S CONC (APPR SLAB) DOLLARS and CENTS	CY	77.400	12
	422	2001		REINF CONC SLAB DOLLARS and CENTS	SF	6,500.000	13
	428	2001		CONC SURF TREAT (CLASS I) DOLLARS and CENTS	SY	722.000	14
	432	2002		RIPRAP (CONC)(5 IN) DOLLARS and CENTS	CY	180.000	15
	450	2001		RAIL (TY T101) DOLLARS and CENTS	LF	566.000	16
	454	2005		ARMOR JOINT (WITH SEAL) DOLLARS and CENTS	LF	88.000	17
	496	2009		REMOV STR (BRIDGE 0-99 FT LENGTH) DOLLARS and CENTS	EA	1.000	18
	496	2010		REMOV STR (BRIDGE 100-499 FT LENGTH) DOLLARS and CENTS	EA	1.000	19
	500	2001	004	MOBILIZATION DOLLARS and CENTS	LS	1.000	20
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	7.000	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	506	2004	010	ROCK FILTER DAMS (INSTALL) (TY 4) DOLLARS and CENTS	LF	90.000	22
	506	2034	010	TEMPORARY SEDIMENT CONTROL FENCE DOLLARS and CENTS	LF	1,200.000	23
	530	2011		DRIVEWAYS (ACP) DOLLARS and CENTS	SY	65.000	24
	540	2002		MTL W-BEAM GD FEN (STEEL POST) DOLLARS and CENTS	LF	150.000	25
	540	2021		MTL BEAM GD FEN TRANS (T101)(STL POST) DOLLARS and CENTS	EA	8.000	26
	544	2013		GDRAIL END TRT(INSTALL)(HBA POST) DOLLARS and CENTS	EA	8.000	27
	658	2261		INSTL DEL ASSM (D-SW)SZ (TYC)GF1(BI) DOLLARS and CENTS	EA	40.000	28
	658	2315		INSTL OM ASSM (OM-2Y)(WC) GND DOLLARS and CENTS	EA	8.000	29
	662	2114		WK ZN PAV MRK SHT TERM (TAB) TY Y DOLLARS and CENTS	EA	84.000	30
	666	2011		REFL PAV MRK TY I (W) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	1,700.000	31
	666	2110		REFL PAV MRK TY I (Y) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	1,700.000	32

PROJECT BR 94(75) , ETC.
COUNTY DENTON

PROPOSAL SHEET
TxDOT
FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2189		PAVEMENT SEALER 4" DOLLARS CENTS and	LF	3,400.000	33
	672	2015	019	REFL PAV MRKR TY II-A-A DOLLARS CENTS and	EA	21.000	34
	678	2001		PAV SURF PREP FOR MRK (4") DOLLARS CENTS and	LF	3,400.000	35
	4070	2002		PREFAB STEEL TRUSS SPAN (100 FT) DOLLARS CENTS and	EA	1.000	36
	4070	2003		PREFAB STEEL TRUSS SPAN (150 FT) DOLLARS CENTS and	EA	1.000	37

SW3P RESPONSIBILITIES

TxDOT Area of Responsibility

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though are not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

TxDOT Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Contractor Area of Responsibility

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

Contractor Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

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Specification Data

Table 1: Soil Constants Requirements				
Item	Description	Plasticity Index		Note
		Max	Min	
132	Embk(Final)(Density Control)(Type C)	40	8	1

Note 1: Material excavated from the project must meet the PI requirements when used in the top 10 feet of embankment that supports the pavement structure or other locations shown in the plans. Do not use shale and obtain approval to incorporate shaley clay produced by the construction project.

Table 2: Basis of Estimate for Permanent Construction						
Item	Description	Thickness	Rate		Quantity	
162	Block Sod	N/A			830	Sy
166 *	Fertilizer (12-6-6)	N/A	850	Lbs/Ac	.02	Ton
168	Vegetative Watering	N/A	160	Mg/Ac	60	Mg
341	Hot Mix Asphalt (Ty B)		110	Lbs/Sy/In	528	Ton
341	Hot Mix Asphalt (Ty C)		110	Lbs/Sy/In	176	Ton
* For contractor's information only						
Note: (1) Base material weight based on 1.50 Ton/Cy (dry- compacted) (2) Asphalt weight based on 110 Lbs/Sy/inch (3) Subgrade weight based on 1.50 Ton/Cy (dry- compacted)						

General:

Denton County is not acquiring the "Temporary Construction Easement" shown on plan sheet 26, and possibly shown elsewhere, for work associated with Belz Road at Duck Creek. The contractor needs to plan construction access and construction activities accordingly.

Denton County is not acquiring the "Temporary Construction Easement" shown on plan sheet 24 in the North-East quadrant of the project. The "Temporary Construction Easement" is going to be in the North-West quadrant of the project for Plainview Rd. at North Hickory Creek. The contractor needs to plan construction access and construction activities accordingly.

Access will be provided to all business and residences at all times. Materials, labor and maintenance for these temporary accesses will not be paid for directly but will be considered subsidiary to the various bid items.

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The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for the projects Plainview Rd. at North Hickory Creek and Belz Rd at Duck Creek, as shown on the plans are 0.38 and 0.48 acres respectively. However, **the Total Disturbed Area** (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

This project required formal consultation with environmental resources agencies. There is a high probability that an environmentally sensitive area could be encountered on the contractor designated Project-Specific Locations (PSL) for this project (haul roads, equipment staging areas, borrow pits, disposal sites, field offices, storage areas, parking areas, etc.). Item 7.19.F, "Project-Specific Locations", will provide a listing of regulatory agencies that may need to be contacted regarding this project.

Prior to contract letting, bidders may obtain free copies of the actual cross-sections. They will be available at the engineer's office for borrowing by copying companies for the purpose of making copies for the bidder at the bidders expense. This data is for non-construction purposes only and it is the responsibility of the prospective bidder to validate the enclosed data with appropriate plans, specifications and estimate for the project(s).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas. Denton County is responsible for the removal and replacement of all fence lines that may be required to be relocated in order to complete the proposed construction.

Use established industry and utility safety practices to erect poles, luminaries, signs or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communication & control, call 1-800-DIG-TESS (1-800-344-8377), TxDOT Traffic Signal Office (214-320-6682), and TxDOT Freeway Management Office (214-320-4439) for

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locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Maintenance Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Meet weekly with the engineer to notify him or her of planned work for the upcoming week.

Provide the engineer with a daily work schedule of planned work.

Submit pre-letting questions by e-mail or fax as follows:

e-mail: CLAUD P. ELSOM III: celsom@dot.state.tx.us
CHRIS W. BEHNKE: cbehnke@dot.state.tx.us
LINDA DILLON: ldillon@dot.state.tx.us

fax: (940) 383-2267.

The answers will be submitted in the same format in which they are received. A file containing these questions and answers will be available for review at the area engineer's office located at **2624 W. Prairie Denton, Texas 76201**.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

Item 8:

This Project will be a Standard Workweek in accordance with Article 8.3.A.4.

Item 100:

The limits of preparing right of way will be measured from Sta. 10+07.00 to Sta. 14+57.36 for Plainview Road and Sta. 12+67.43 to Sta. 16+67.14 for Belz Road as shown on the plans along the centerline of construction.

Items 110 and 132:

Excavation and embankment for driveways and sleeper slabs will not be paid for directly, but will be considered subsidiary to this item.

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Scarify and loosen the excavated areas, unpaved surface areas, except rock, to a depth of at least 8 inches and compact in accordance with the specifications.

Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way at no additional expense to the department. Test soil for sulfate levels in accordance with Tex-145-E. Contact the engineer for a list of approved laboratories. Notify the engineer 72 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans.

Shale is not an acceptable material for embankment. Do not use shaley clays in embankment unless approved in writing.

Perform vertical tracking on slopes to temporarily stabilize soil. Provide equipment with a track undercarriage capable of producing a linear soil impression measuring at least 12 inches in length by 2 to 4 inches in width by ½ to 2 inches in depth. Do not exceed 12 inches between track cleats. Install continuous linear track impressions where the minimum 12 inches in length impressions is perpendicular to the direction of water flow. This will not be paid for directly but considered subsidiary to this item.

Item 132:

Earth embankment Type C, is mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet B). If necessary, add lime slurry in accordance with Item 260, "Lime Treatment (Road-Mixed)" in order to meet these requirements. Use Tex-121-E, figure 1, page 5 to calculate the amount of lime required. Furnish material containing sulfate at or below the threshold of 5000 parts per million (ppm). For material with sulfate levels greater than 3000 ppm, allow the mixture to mellow for at least three days, or as directed. Test soil for sulfate levels in accordance with Tex-145-E. Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 48 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans.

Item 320:

The use of windrow pick-up equipment is allowed except on the first course of roadway material placed over the subgrade.

Item 341:

Use aggregate that meets the Surface Aggregate Classification (SAC) requirement of Class B

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The use of Recycled Asphalt Pavement (RAP) is allowed only in the base course.

Minimum requirement for coarse aggregate 5 cycle magnesium sulfate soundness is 25%. Meet this requirement for type C hot mix only.

Provide the engineer the opportunity to witness all mixture design tests. The engineer may require a retest if not given the opportunity to witness.

Dilution of tack is not allowed.

Hamburg Wheel Test Requirements			
High-Temperature Binder Grade	Test Method	Laboratory Mixture Design or Trial Batch	Production and Placement Test ¹
		Minimum # of Passes @ 0.5" Rut Depth, Tested @ 122°F	Minimum # of Passes @ 0.5" Rut Depth, Tested @ 122°F
PG 64-22 or lower	Tex-242-F	7000	7000

1. The Engineer may accept if no more than 1 of the 5 most recent Hamburg Wheel tests is below the specified number of passes and the failing test is no more than 2000 passes below the specified number of passes.

Hamburg Wheel test requirements for mixes with PG 64-22 shall meet the above table. The use of RAP is permitted to meet these requirements. Use no more than 20% RAP in Type B mixture.

Items 416 and 420:

Form columns to a point a minimum of one foot below the proposed future or existing bottom of channel elevation indicated on the bridge layouts by an acceptable method. This form work is not paid for directly, but is considered subsidiary to this item.

Item 416:

Provide a minimum of one core per bent, regardless of placement method.

Item 420:

Apply an ordinary surface finish to all concrete surfaces within 30 days after form removal.

NATIONAL BRIDGE INVENTORY NUMBERS:

Place National Bridge Inventory numbers (NBI numbers) on the face of each abutment backwall using 3" block numbers.

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Locate NBI numbers between the outside beams at opposite corners of the bridge. Use appropriate die cut stencils and black paint for placement.

All materials, labor and incidentals associated with placing NBI numbers are subsidiary to the various bid items.

Items 420 and 440:

Provide bridge slab reinforcing steel with epoxy coating complying with Item 440 requirements.

Item 421:

Furnish mix designs to the Engineer in a format compatible to the latest version of the Department's Construction Management System (Site Manager). Mix Design templates will be provided by the Engineer.

Provide sulfate resistant concrete for drill shafts. High performance concrete meets the requirement for sulfate resistant concrete when Class C fly ash and Type I cement is not used in the mix design.

Provide a digital hydraulic compression testing Machine and accessories. The machine shall have a minimum testing range of 2500 pounds force to 250,000 pounds force with a hydraulic switching valve to allow for rapid advancing, hold, controlled advancing and rapid retracting. The machine shall have a load cell to measure compressive forces within the testing range and shall be calibrated and verified in accordance with ASTM latest version. The Machine can meet or exceed the following when approved by the Engineer:

ELE International ACCU-TEK250 Digital Compression Tester including accessories or Forney F-250EX Standard Compression Machine including accessories or TxDOT approved equal.

Air-entrain all concrete except for Class "B" and concrete used in drilled shafts. For structural concrete, if the air content is more than 1.5% below the required air, follow manufacturer recommendations to add the necessary approved air bags to increase the air content at the job site. Limit the adding of air bags in the field to one trial. Do not reject the load of concrete due to low air content; accept concrete based on strength tests.

Item 446:

After all concrete placement has been completed, remove any concrete or other contaminate from the beam by hand cleaning methods so as not to damage the primer and then water blast / wash with a minimum of 2,500 psi pressure.

The structural steel to be removed may contain lead paint. Submit a proposed demolition plan for approval by the engineer at least 20 days prior to desired demolition date. Demolition plan should limit disturbing where lead paint is located when possible. If

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flame cutting methods will be used and lead paint cannot be avoided, the Department will arrange to have the paint removed at the indicated flame-cutting locations. The paint will be removed by a separate contractor for a width of 4". No paint removal will be required if other demolition methods are employed.

Items 448 and 496:

Below is a summary of the testing results. A more detailed version of the test analysis is available for review at the Denton Area Office.

Belz Road @ Duck Creek....Exceeds TCLP for Chromium (D007) ($433.5 / 20 = 21.68$ ppm) =**Hazardous Toxicity Chromium (D007)** and also Exceeds TCLP Lead (D008) ($626 / 20 = 31.3$ ppm) = **Hazardous Toxicity Lead (D008)**

Plainview @ Hickory Creek....Does not exceed TCLP Lead. ($20.3 / 20 = 1.02$ ppm) = The class 1 cutoff is 1.5 ppm so this waste would be considered **Texas Class 2 Non-Hazardous waste**

This project has structures with surface coatings which may contain lead and/or other hazardous constituents. Contractor is responsible for the health and safety of his employees and compliance with all OSHA standards and regulations.

Item 496:

The existing bridge on Plainview Rd. at North Hickory Creek is described as a "5-Span (1-Warren Pony Truss & 4-Steel Stringer) structure.

The existing bridge on Belz Rd at Duck Creek is described as a "3-Span (1-simple Warren Pony Truss & 2-Steel Stringer) structure.

The contractor shall supply written details for approval one week prior to the preconstruction conference to the Engineer detailing how the structures are to be removed and salvaged. The concrete portions of the decks are to be removed. The spans and stringer units are to be disconnected at logical points that do not destroy or adversely damage the integrity of the salvaged structures. These salvaged bridges are to be loaded, by the contractor, onto transport vehicles supplied by third party entities. If reasonable third party transportation coordination efforts fail at time of bridge removal; place bridge sections on approved blocking materials on the existing roadway inside the limits of the road closure to be picked up at a later date by third party.

The contractor is encouraged to visit the project sites to determine a proposed salvage and removal methods, etc.

Items 496 and 506:

When demolishing a structure/s that span the Waters of Texas or a designated wetland, take all practicable precautions to prevent debris from being discharged into the water or within the boundaries of the wetland. Install Best Management Practices before

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demolition begins and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

Item 502:

Provide contact information for the contractor responsible person(s) whom is available at all times (24 hours/day, 7 days/week) to patrol, monitor, and maintain the traffic control devices and signs. The person must be knowledgeable of TxDOT Guidelines for traffic control devices and signs.

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes when this requirement is not met.

When excavation is required next to a pavement lane carrying traffic and the widening is not completed by the end of the work day, backfill against the edge of the pavement with at least a 3:1 slope using an acceptable material to support vehicular traffic. Carefully remove and dispose of this material when work resumes. Backfilling pavement edges, and the materials required for the work will be subsidiary to this item.

Erect a Type III barricade immediately in front of or at each end of all stockpiles that are less than 30 feet from the edge of any traveled lane. Place one Type 2 Object Marker (OM-2Y) alongside the stockpile for every 100 feet of stockpile length.

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Provide rectangular shape (CW12-2P) Temporary Clearance Signs on all bridges where the existing vertical clearance has changed. Install Signs to the satisfaction of the Engineer prior to opening to traffic. Plywood sign blanks will have minimum dimensions of 84" X 12". Work performed and materials are subsidiary to this item.

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Limit lane closures not during detour closure to the hours between 9:00 am and 3:30 pm. Work in other areas of the project is not restricted to this time frame.

Item 504:

Provide one asphalt mix control laboratory (Type D) at each asphalt mixing plant used for this project. Meet the dimensional requirements specified for a Field laboratory (Type A) for the Asphalt Mix Control Laboratory (Type D). Provide on (1) computer and one (1)

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printer with internet access at each plant used for this project. No direct compensation will be made for providing these items at the asphalt mixing plant(s).

Provide a 10 lb Type A, B, C fire extinguisher for each room of all facilities furnished under this item.

Provide a weatherproof wage board that is of sufficient size for all required paperwork.

Provide on (1) laptop computer with unlimited internet air card for TxDOT use.

Item 506:

If temporary construction stream crossings are allowed under a Nationwide Permit, submit in writing for approval the type and location of each temporary stream crossing. Use temporary bridges, timber mats, or other structurally sound and non-eroding material for temporary stream crossings. A temporary culvert crossing will consist of storm sewer pipes and 4- to 8-inch nominal size rock. Temporary stream crossings must not cause more than minimal changes to the hydraulic flow characteristics of the stream, increase flooding, or cause more than minimal degradation of water quality. Remove the temporary stream crossings in their entirety and return the affected areas to their pre-existing elevation. All work and materials use for temporary construction stream crossings will not be paid for directly but are subsidiary to pertinent Items.

When notified via SW3P Maintenance Reports of necessary SW3P; make corrections as soon as possible before the next anticipated rain event or within seven calendar days after being able to enter the site to work for each BMP. A BMP site being "Too Wet to Work" is the only acceptable reason for not accomplishing the corrections with seven calendar days and should be thoroughly documented on Form 2118. If maintenance corrections are not made within this time frame then all work will cease, time charges will continue until SW3P is brought into compliance and is documented on Form 2118 after TxDOT review.

This in no way releases the contractor of liability for noncompliance.

Obtain from the Engineer a copy of the project's TPDES Storm Water Program and Notice of Intent or Construction Site Notice. Laminate the sheets and bond with adhesive to 36" X 48" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text "SW3P" in 5" white lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits or as directed by the Engineer. SW3P Signs, maintenance, and repostings will be subsidiary to Item 502.

Item 530:

Provide a minimum of 4 inches of TY B HMAC with 2 inches of TY C HMAC on compacted subgrade for the driveway pavements.

Project Number: BR 94 (75), Etc.

Sheet: 4

County: DENTON

Control: 0918-46-055 & 103

Highway: Various

Item 540:

Furnish one type of post throughout the project except as specifically noted in the plans.

Furnish composite blockouts on all metal beam guard fence posts.

Item 585:

Ride quality testing requirements are "Surface Test Type A" for this project.

Item 666:

Provide Type III Glass Traffic Beads that meet the requirements of Departmental Materials Specifications DMS-8290.

CONTROL : 0918-46-055, ETC
PROJECT : BR 94(75), ETC
HIGHWAY : CR
COUNTY : DENTON

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT
ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 100 PREPARING RIGHT OF WAY (103)
ITEM 110 EXCAVATION (132)
ITEM 132 EMBANKMENT (100) (204) (210) (216) (400)
ITEM 161 COMPOST (160)
ITEM 162 SODDING FOR EROSION CONTROL (166) (168)
ITEM 168 VEGETATIVE WATERING
ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA) (210) (300) (301) (320)
(520) (585)
ITEM 416 DRILLED SHAFT FOUNDATIONS (420) (421) (440) (448)
ITEM 420 CONCRETE STRUCTURES (400) (404) (421) (426) (427) (438) (440)
(441) (448)
ITEM 422 REINFORCED CONCRETE SLAB (420) (421) (424) (426) (430) (440)
ITEM 428 CONCRETE SURFACE TREATMENT (427)
ITEM 432 RIPRAP (247) (420) (421) (427) (431) (440)
ITEM 450 RAILING (420) (421) (424) (440) (441) (442) (445) (446) (448)
(540)
ITEM 454 BRIDGE EXPANSION JOINTS (429) (442)
ITEM 496 REMOVING STRUCTURES (430)
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 504 FIELD OFFICE AND LABORATORY
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
CONTROLS (432) (556)
ITEM 530 INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247) (260) (263)
(275) (276) (292) (316) (330) (334) (340) (360) (421) (440)
ITEM 540 METAL BEAM GUARD FENCE (421) (445) (529) (542) (544)
ITEM 544 GUARDRAIL END TREATMENTS
ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666) (668) (672) (677)

ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316) (318) (662) (677) (678)
 ITEM 672 RAISED PAVEMENT MARKERS (677) (678)
 ITEM 678 PAVEMENT SURFACE PREPARATION FOR MARKINGS (677)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
 ----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
 HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS
 (FORM FHWA 1273, MARCH, 1994)

WAGE RATES

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1002)
 SPECIAL PROVISION "PARTNERING" (000---002)
 SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (000---003)
 SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO
 ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)
 SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL-
 AID CONSTRUCTION" (000---461)
 SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
 CONSTRUCTION CONTRACT SPECIFICATIONS" (000---006)
 SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--1001)
 SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
 (000---009)
 SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
 (000---011)
 SPECIAL PROVISION TO ITEM 1 (001---005)
 SPECIAL PROVISION TO ITEM 3 (003---026)
 SPECIAL PROVISION TO ITEM 4 (004---012)
 SPECIAL PROVISION TO ITEM 5 (005---004)
 SPECIAL PROVISION TO ITEM 6 (006---030)
 SPECIAL PROVISIONS TO ITEM 7 (007---213) (007---445)
 SPECIAL PROVISION TO ITEM 8 (008---084)
 SPECIAL PROVISIONS TO ITEM 9 (009---009) (009---015)
 SPECIAL PROVISION TO ITEM 100 (100---002)
 SPECIAL PROVISION TO ITEM 161 (161---001)
 SPECIAL PROVISION TO ITEM 166 (166---001)
 SPECIAL PROVISION TO ITEM 247 (247---020)
 SPECIAL PROVISION TO ITEM 260 (260---001)
 SPECIAL PROVISION TO ITEM 360 (360---003)
 SPECIAL PROVISION TO ITEM 420 (420---002)
 SPECIAL PROVISION TO ITEM 421 (421---031)
 SPECIAL PROVISION TO ITEM 440 (440---001)
 SPECIAL PROVISION TO ITEM 441 (441---002)
 SPECIAL PROVISION TO ITEM 442 (442---005)
 SPECIAL PROVISION TO ITEM 500 (500---004)
 SPECIAL PROVISION TO ITEM 502 (502---033)
 SPECIAL PROVISION TO ITEM 506 (506---010)
 SPECIAL PROVISION TO ITEM 672 (672---019)

SPECIAL SPECIFICATIONS:

ITEM 4070 PREFABRICATED STEEL TRUSS SPAN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-
CATIONS FOR THIS PROJECT.